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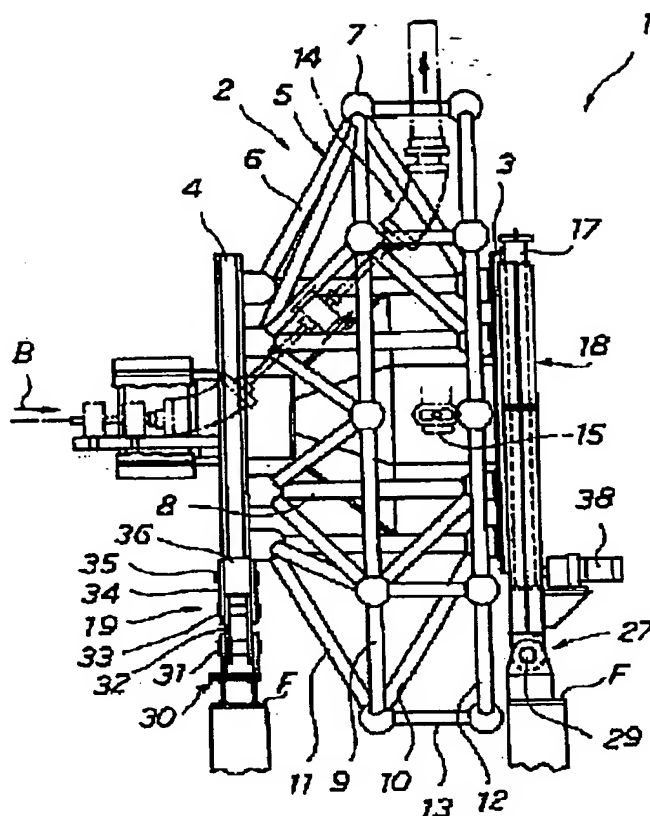
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TITLE : GANTRY DEVICE OF CORPUSCULAR
RAY THERAPEUTIC EQUIPMENT



ABSTRACT : PROBLEM TO BE SOLVED: To decrease the irradiation errors of proton beams by exactly rotating a rotary frame to a target phase position without axis misalignment.

SOLUTION: The gantry device 1 of corpuscular ray therapeutic equipment is constituted by mounting a swiveling ring 17 to a front ring 3 of the rotary frame 2 and fixing and supplying the swiveling ring 17 onto a floor F via a front supporting frame 18. The front ring 3 is triaxially restrained by the swiveling ring 17. The rotary frame 2 is tiltable forward and backward. The rear ring 4 of the rotary frame 2 is placed on a roller of the rear supporting frame 19. The rotary frame 2 is supported at three points by two leg parts 27 of the front supporting frame 18 and the rear supporting frame 19. The rotary frame 2 is gear driven.

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